

Patent No. 7,781,545
Request for Cert. of Correction dated October 26, 2010
Attorney Docket No. 5946-091619

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No. : 7,781,545 Appln. No.: 10/559,965
Inventors : Weickert et al. Confirmation No. 6544
Issued : August 24, 2010
Title : Process for the Catalytic Polymerization of Olefins,
A Reactor System, Its Use in the Process,
The Polyolefins Obtained and Their Use
Examiner : William K. Cheung
Customer No. : 28289

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTENTION: Decision and Certificate of Correction
Branch of the Patent Issue Division

Sir:

In accordance with 35 U.S.C. §255, we attach hereto Form PTO/SB/44 and proof of error and request that a Certificate of Correction be issued in the above-identified patent. The following error appears in the patent as printed:

Column 10, Line 38, Claim 7, "at a temperature of about 850° - 110° C." should read
– at a temperature of about 85° - 110° C. –
(See the Amendment Accompanying Request for Continued Examination dated May 3, 2010, page 3, Claim 7, line 2.)

The above error is an obvious typographical error made by Applicants. The Commissioner of Patents and Trademarks is hereby authorized to charge the fee of \$100.00 for correction of Applicants' mistake by credit card, the information for which is being submitted concurrently herewith.

Respectfully submitted,

THE WEBB LAW FIRM

By



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I certify that this correspondence is being electronically submitted to the United States Patent and Trademark Office on October 26, 2010.

Mary Jo Sinicrope
(Name of Person Submitting Paper)

10/26/2010
Date

Signature

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,781,545
APPLICATION NO. : 10/559,965
ISSUE DATE : August 24, 2010
INVENTORS : Weickert et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 10, line 38, Claim 7, "at a temperature of about 850° – 110°C."
should read – at a temperature of about 85° – 110°C. –

MAILING ADDRESS OF SENDER: The Webb Law Firm
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Pittsburgh, PA 15219

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-2450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select Option 2.

Application No. 10/559,965
Paper Dated: May 3, 2010
In Reply to USPTO Correspondence of April 5, 2010
Attorney Docket No. 5946-091619

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/559,965 Confirmation No. 6544
Applicants : Gunter WEICKERT et al.
Filed : May 11, 2004
Title : PROCESS FOR THE CATALYTIC POLYMERIZATION
OF OLEFINS, A REACTOR SYSTEM, ITS USE IN THE
PROCESS, THE POLYOLEFINS OBTAINED AND
THEIR USE
Group Art Unit : 1796
Examiner : William K. Cheung
Customer No. : 28289

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT ACCOMPANYING REQUEST FOR CONTINUED EXAMINATION

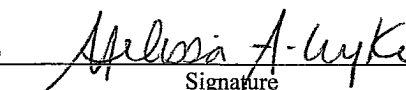
In response to the final Office Action dated November 4, 2009 and the Advisory Action dated April 5, 2010, Applicants submit the following amendments and remarks, along with a Request for Continued Examination (RCE) and Petition for a three month extension of time, with requisite fees.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.

I hereby certify that this correspondence is being electronically submitted to the United States Patent and Trademark Office on May 3, 2010.

05/03/2010
Date


Signature

Melissa A. Wyke

Typed Name of Person Signing Certificate

polymerization temperature and pressure are above the corresponding critical points of the mixture formed by the olefins, catalyst, hydrogen, optional comonomer and fluidum of inert low boiling hydrocarbon medium and the polymerization temperature is below the melting point of the formed polymerized olefins.

Claim 6 (Original): Process according to claim 5, wherein the inert low boiling hydrocarbon is propane.

should be
85° - 110°C

Claim 7 (Previously Presented): Process according to claim 5, wherein the first polymerization is carried out at a temperature of about 85°-110°C and a pressure of 60-90 bar.

Claim 8 (Previously Presented): Process according to claim 1, wherein after the first polymerization at least part of the hydrogen, unreacted reactants and inert low boiling hydrocarbon medium are removed from the reaction mixture.

Claim 9 (Previously Presented): Process according to claim 8, wherein at least part of the hydrogen and the inert low boiling hydrocarbon are removed from the polymerized reaction mixture by flashing.

Claims 10 and 11 (Cancelled).

Claim 10 (Previously Presented): Process according to claim 1, wherein the moving bed is separated from the fluidized bed by a separation fluidum.

Claim 11 (Original): Process according to claim ¹⁰12, wherein the separation fluidum is supplied to the moving bed.

Claim 12 (Previously Presented): Process according to claim ¹⁰12, wherein the separation fluidum is a gas or a liquid and selected from the group comprising an inert gas or

PATENT
Attorney Docket No. 187284/RFT
Client Matter No. 455569-NEW

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Gunter Weickert

Int'l Application No.: PCT/EP2004/005076

Int'l Filing Date: May 11, 2004

For: Process For The Catalytic
Polymerization Of Olefins,
A Reactor System, Its Use
In The Process, The Polyolefins
Obtained And their Uses

Examiner: TBA
Group Art Unit: TBA

Express Mail No.: EV 694993265 US

Express Mailing Date: December 6, 2005

Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified patent application as follows.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.

Amendments to the Claims:

Listing of Claims:

Claim 1 (original): Process for the catalytic polymerization of olefins comprising the steps of;
i) a first polymerization in a first reactor, wherein olefins are polymerized with a particulate catalyst, hydrogen and optional a comonomer in a fluidum of an inert low boiling hydrocarbon medium into an reaction mixture comprising polymerized olefins; and

ii) a second polymerization in a second reactor, wherein the polymerized olefins are further polymerized in a fluidized bed and in a moving bed under such conditions that the residence time in the fluidized bed and the residence time in the moving bed are independently controlled.

Claim 2 (original): Process according to claim 1, wherein the inert low boiling hydrocarbon medium comprises propane, butane, isobutane, pentane, hexane, heptane, octane, cyclohexane or cycloheptane.

Claim 3 (currently amended): Process according to claim 1-~~or~~2, wherein the first polymerization is carried out in a liquid phase.

Claim 4 (currently amended): Process according to ~~any of the claims 1-3~~ claim 1, wherein the first polymerization is carried out at a temperature of about 75° to 110°C and a pressure of 40-90 bar.

Claim 5 (original): Process according to claim 1, wherein the first polymerization of olefins is carried out under supercritical conditions, wherein the polymerization temperature and pressure are above the corresponding critical points of the mixture formed by the olefins, catalyst, hydrogen, optional comonomer and fluidum of inert low boiling hydrocarbon medium and the polymerization temperature is below the melting point of the formed polymerized olefins.

Claim 6 (original): Process according to claim 5, wherein the inert low boiling hydrocarbon is propane.

Claim 7 (currently amended): Process according to claim 5-~~or~~6, wherein the first polymerization is carried out at a temperature of about 85°-110°C and a pressure of 60-90 bar.